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FOREWORD

INFECTIOUS DISEASES, DIVING MEDICINE, AND IMMUNOBIOLOGY AND TRANSPLANTATION BASIC AND APPLIED RESEARCH AIMED AT THE ENHANCEMENT AND PROTECTION OF THE RESEARCH FACILITY. COMMISSIONED IN 1942, THE INSTITUTE'S MISSION IS TO CONDUCT THE NAVAL MEDICAL RESEARCH INSTITUTE IS THE NAVY'S LARGEST BIOMEDICAL CURRENTLY FOCUSED IN THE AREAS OF CASUALTY CARE, ENVIRONMENTAL MEDICINE, HEALTH, SAFETY, AND EFFICIENCY OF NAVAL PERSONNEL. ONGOING STUDIES ARE RESEARCH. THIS ISSUE OF THE SUMMARIES OF RESEARCH CONSISTS OF CITATIONS TO REPORTS OF THE NAVAL MEDICAL RESEARCH INSTITUTE PUBLISHED DURING THE CALENDAR YEAR. ALTHOUGH MOST OF THESE PUBLICATIONS ARE AVAILABLE IN THE OPEN LITERATURE, COPIES MAY ALSO BE PURCHASED FROM:

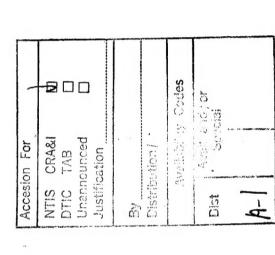
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DETECTION OF FRANCISELLA TULARENSIS IN BLOOD BY POLYMERASE
CHAIN REACTION.
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3MIGZTORARD. ARIZOR (DNZ43556) REPORT NO.7

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BLOTTING, WESTERN
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RESTRICTION FRAGMENT LENGTH POLYMORPHISMS
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ROLLWAGEN FM
ROLLWAGEN FM
NATURAL KILLER CELL CYTOTOXICITY AND T-CELL PROLIFERATION
IS ENHANCED BY AVOIDANCE BEHAVIOR.
BRAIN, BEHAVIOR, AND IMMUNITY 1993;7:144-53
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NMRI REPORT. JULY 1993
BARIC CELL MOLECULAR NEUROBIOLOGY
MR04101.001.1303 (DN243506) REPORT NO.1
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KENNEDY CA
FAILURE TO IDENTIFY BORRELIA BURGDORFERI IN SOUTHERN
CALIFORNIA TICKS BY DNA AMPLIFICATION,
JOURNAL OF INFECTIOUS DISEASES 1993;168;257-8
VIRAL & RICKETTSIAL DISEASE
BORRELIA BURGDORFERI
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CENTRAL NERVOUS SYSTEM DISEASES
CEREBROVASCULAR DISORDERS
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KILLER CELLS, NATURAL
LYMPHOCYTE TRANSFORMATION
T-LYMPHOCYTES
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REPERFUSION
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HARABIN AL SURVANSHI SS
A STATISTICAL ANALYSIS OF RECENT NAVAL EXPERIMENTAL DIVING
UNIT (NEDU) SINGLE-DEPTH HUMAN EXPOSURES TO 100%, OXYGEN.
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                                                                                                                                                                                                                           IMBERT G
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EXPERIMENTAL VALIDATION;
NMRI REPORT. OCTOBER 1993;
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MR04101.001.1056 (DN249512) REPORT NO.4
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TYROSINE AMELIORATES A COLD-INDUCED DELAYED MATCHING-TO-
SAMPLE PERFORMANCE DECREMENT IN RATS.
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MM33C30.004.1002 (DN247509) REPORT NO.15
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M0099.01B.1005 (DN477506) REPORT NO.7
BREATHING BAG DESIGN
IMPEDANCE
AD A273 462
DYSBARIC DIS-PATHOPHYS & TREATMENT
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HYPERBARIC OXYGENATION
SEVERITY OF ILLNESS INDEX
SPINAL CORD COMPRESSION
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                                   DECOMPRESSION SICKNESS DIVING
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NEUROTRANSMITTER
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ROLLWAGEN FM PACHECO ND WALKER RI
KILLED CAMPYLOBACTER ELICITS IMMUNE RESPONSE AND PROTECTION
WHEN ADMINISTERED WITH AN ORAL ADJUVANT.
VACCINE 1993;11(13):1316-20
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FLETCHER MA MCKENNA TM QUANCE JL
WAINWRIGHT NR WILLIAMS TJ
LIPOPOLYSACCHARIDE DETOXIFICATION BY ENDOTOXIN NEUTRALIZING
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BRAGIN V SUGAR J GLUCK R
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AMYLOID PRECURSOR PROTEIN IN THE CEREBRAL CORTEX IS RAPIDLY
AND PERSISTENTLY INDUCED BY LOSS OF SUBCORTICAL
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LIPOPOLYSACCHARIDE-INDUCED PROTEIN TYROSINE PHOSPHORYLATION
IN HUMAN MACROPHAGES IS MEDIATED BY CD14.
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ANTIGENS, CD
ANTIGENS, DIFFERENTIATION, MYELOMONOCYTIC
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INVERTEBRATE HORMONES
LIPOPOLYSACCHARIDES
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MR04120.00D.1383 (DN242603) REPORT NO.4
AMYLOID BETA-PROTEIN PRECURSOR
CEREBRAL CORTEX
RAPHE NUCLEI
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LONG-TERM IN VIVO EXPRESSION OF A MURINE ADENOSINE
DEAMINASE GENE IN RHESUS MONKEY HEMATOPOIETIC CELLS OF
MULTIPLE LINEAGES AFTER RETROVIRAL MEDIATED GENE TRANSFER
INTO CD34+ BONE MARROW CELLS.
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ADENOSINE DEAMINASE
ANTIGENS, CD
GENE EXPRESSION
GENE EXPRESSION
GENE TRANSFER
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BACTERIAL PROTEINS
                                                                                       CTLA-4 STRUCTURE AND EXPRESSION ON
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UNUSUAL MICROTUBULE-DEPENDENT ENDOCYTOSIS MECHANISMS
TRIGGERED BY CAMPYLOBACTER JEJUNI AND CITROBACTER
HARRIS ES
REYNOLDS P.
NADLER LM
JUNE CH
                                                                                                          HUMAN T CELLS.
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ANTIGENS, DIFFERENTIATION
GENE EXPRESSION
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ENTERIC DISEASES
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CAMPYLOBACTER JEJUNI
CITROBACTER FREUNDII
ENDCYTOSIS
MICROTUBULES
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LEE KP
CRAIGHEAD N
FREEMAN GJ
THOMPSON CB
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GENE TRANSFER
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                                                                                       CHARACTERIZATION OF
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JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 1993 AUG 4;
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HOLLINGDALE N
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3M162787A870.4Q1299 (DN243578) REPORT NO.1
MALARIA, FALCIPARUM
MILITARY PERSONNEL
FLAGELLIN
GENE EXPRESSION REGULATION, BACTERIAL
PROMOTER REGIONS GENETICS
AD A273 622
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ETHNIC GROUPS
MORBIDITY
MORTALITY
REFUGEES
AD A273 382
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HERRINGTON DA
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BATCHELOR RA
BURANS JP
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RIVERA J BURKIN A GEHRINGER J BURKIN A GEHRINGER J SERVE P VON MINDEN D MACYS D EVALUATION OF SHIPBOARD FORMATION OF A NEUROTOXICANT (TRIMETHYLOLPROPANE PHOSPHATE) FROM THERMAL DECOMPOSITION OF SYNTHETIC AIRCRAFT ENGINE LUBRICANT.

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION JOURNAL 1993; 54(10):584-92 TOXICOLOGY DETACHMENT MO096.004.1314 (DN243514) REPORT NO.1 BICYCLO COMPOUNDS MILITARY SCIENCE
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CELLULAR IMMUNOLOGY 1993;151;425-36
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CLONAL DELETION MICE
GORDON DM
LONG-TERM PERSISTENCE OF STERILE IMMUNITY IN A VOLUNTEER
IMMUNIZED WITH X-IRRADIATED PLASMODIUM FALCIPARUM
SPOROZOITES.
JOURNAL OF INFECTIOUS DISEASES 1993 OCT;168:1066-70
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PREERYTHROCYTIC MALARIA VACCINE DEVELOPMENT.

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                                                                                                                                                          ) REPORT NO.1
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MALARIA, FALCIPARUM
PLASMODIUM FALCIPARUM
VACCINES, ATTENUATED
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BAQAR S PACHECO ND ROLLWAGEN FM MODULATION OF MUCOSAL IMMUNITY AGAINST CAMPYLOBACTER JEJUNI BY ORALLY ADMINISTERED CYTOKINES.
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LUTZOMÝIA (TRICHOPHOROMYIA) PASTAZAENSIS, A NEW SPECIES OF PHLEBOTOMINE SAND FLY (DIPTERA: PSYCHODÍDAE: PHLEBOTOMINAE) FROM THE PERUVIAN AMAZON. MEMORIAS DO INSTITUTO OSWALDO CRUZ 1993 OCT/DEC;88(4):505-8 LIMA DETACHMENT
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EFFICACY OF FILTER TYPES FOR DETECTING CAMPYLOBACTER JEJUNI
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